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ICAO: UNITING AVIATION ON CLIMATE CHANGE

ICAO Colloquium on Aviation and Climate Change

Towards a sustainable aviation industry



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Recipe for sustainable aviation

Action plans

Global carbon footprint reporting

Emissions goals

Technological advances

Economic measures



Action plans

Visions, strategies and timeframes

Emissions baselines and goals

Sub-sectors' contribution to goals

Quantification of emissions savings

Transparent monitoring and reporting



Global carbon footprint reporting

Methodology and metrics for tracking progress

Collection of carbon emissions data

Reporting by Contracting States

De-minimus threshold for reporting

ICAO global emissions progress reports



Emissions goals

2% fuel efficiency improvement is not enough

Carbon neutral growth by 2020 on base of 2005

Significant net carbon reductions by 2050

Need to track gross and net aviation emissions

DGCA Climate Group can provide leadership



Technological advances

Air traffic management + operational measures

Newer more efficient aircraft

Airports and land transport efficiencies

Sustainable aviation fuels in longer term

**Sustainable aviation fuels road map study in
Australia**



Economic measures

Market-based measures are key part of solution

Need ICAO market-based measures framework

Arrangements for linking different MB schemes

Greater role for voluntary carbon offsetting

Carbon price will stimulate further innovation



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Thank you

